

5      Abstract:

A method and apparatus for verifying the integrity of devices on a target network having two components: a subsystem connected to the target network, and a master system, isolated therefrom by a secure link. The topological and hierarchical relationship of the of the devices to each other improves stability of the apparatus. Random testing of 10 target network devices by the subsystem and random testing of the subsystem by the master system provide verification and independent self-checking.